

EAST Search History (9 pp)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 1147 | ((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/27 19:05 |
| L2 | 0 | 1 and (cooling coolant) near10 (liquid adj (Ga gallium)) and nozzle and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/27 19:08 |
| L3 | 0 | 1 and (cooling coolant) and (liquid adj (Ga gallium)) and nozzle and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/27 19:08 |
| L4 | 0 | (cooling coolant) and (liquid adj (Ga gallium)) and nozzle and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/27 19:09 |
| L5 | 0 | (cooling coolant) and (liquid adj (Ga gallium)) and (jet nozzle) and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/27 19:09 |
| L6 | 5 | (cooling coolant) and (liquid adj (Ga gallium)) and (jet nozzle) and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and (target) and "low" adj (Z atomic adj number) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/27 19:10 |
| L7 | 0 | ((blackburn near1 brandon).in. (massachusetts adj institute).as.) and (cooling coolant) and (liquid adj (Ga gallium)) and (jet nozzle) and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and (target) and "low" adj (Z atomic adj number) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/27 19:11 |

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| S1 | 6 | ((("5392319") or ("5784423") or ("4811687")),PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 09:21 |
| S2 | 0 | S1 and "low Z" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:36 |
| S3 | 4 | S1 and neutron | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:42 |
| S4 | 4 | S1 and neutron and target | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 18:10 |
| S5 | 0 | S1 and neutron and target and nozzle | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 18:10 |
| S6 | 0 | S1 and neutron and target and nozzle | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:10 |
| S7 | 0 | liquid adj gallium with cool\$3 with (neutron adj source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:13 |
| S8 | 0 | liquid adj cool\$3 with (neutron adj source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:13 |
| S9 | 74 | cool\$3 with (neutron adj source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:13 |
| S10 | 0 | cool\$3 with (neutron adj source) and liquid adj gallium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:14 |

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| S11 | 74 | cool\$3 with (neutron adj source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:14 |
| S12 | 15 | cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:16 |
| S13 | 0 | cool\$3 with (neutron adj source) and cool\$3 near4 (liquid adj (gallium Ga)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:15 |
| S14 | 3 | cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:18 |
| S15 | 3 | cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:26 |
| S16 | 3 | cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water) and (liquid water) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:34 |
| S17 | 447 | nozzle near6 (liquid adj coolant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:34 |
| S18 | 0 | nozzle near6 (liquid adj coolant) and neutron adj source | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 18:35 |
| S19 | 3 | nozzle near4 (liquid adj coolant) with target | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 08:50 |
| S20 | 2 | ("5392319").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 09:18 |

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| S21 | 2 | ("5493191").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 09:19 |
| S22 | 2 | ("4953191").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 09:25 |
| S23 | 1 | "5784423".pn. and gallium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 09:35 |
| S24 | 1 | "4811687".pn. and gallium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 09:36 |
| S25 | 1 | "4811687".pn. and gallium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 12:22 |
| S27 | 0 | "5917874".pn. and gallium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 13:48 |
| S28 | 2 | "5917874".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 15:27 |
| S29 | 5 | "773943".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 16:32 |
| S30 | 4 | ("4141224").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:35 |
| S31 | 16 | (cooling coolant) near4 (method apparatus system) with \$2radiation near2 target | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 16:44 |

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| S32 | 743 | ((376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (376/503) or (376/504) or (376/505) or (313/62)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:48 |
| S33 | 0 | S32 and (cooling coolant) near3 gallium.ti,ab,clm. and target and neutron and nozzle and (circulat\$3 pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:50 |
| S34 | 0 | S32 and (cooling coolant) near3 gallium and target and neutron and nozzle and (circulat\$3 pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:50 |
| S35 | 0 | S32 and (cooling coolant) with (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:50 |
| S36 | 0 | S32 and (cooling coolant) same (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:50 |
| S37 | 0 | S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 16:50 |
| S38 | 3 | S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 18:48 |
| S39 | 573 | ((376/100) or (376/106) or (376/913)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 18:50 |
| S40 | 8 | S39 and (antimatter anti-matter anti adj matter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 18:51 |

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| S49 | 6 | "360582".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 09:40 |
| S50 | 6 | "919870".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 09:43 |
| S51 | 2 | ("5392319").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 11:22 |
| S52 | 4 | ("4141224").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 11:31 |
| S53 | 2 | ("4811687").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 11:41 |
| S54 | 2 | ("4599515").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 11:43 |
| S55 | 0 | S54 and (liquid gallium) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 11:43 |
| S56 | 0 | liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 11:44 |
| S57 | 2 | liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 12:21 |
| S58 | 1 | liquid near3 coolant with submerg\$3 and neutron near1 (assembly source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 12:31 |

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| S59 | 2 | submerged adj jet adj impingement | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:49 |
| S60 | 2 | ("5784423").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 17:51 |
| S61 | 0 | liquid adj gallium and submerged and target | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:53 |
| S62 | 2 | liquid adj gallium and submerged and nozzle | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:54 |
| S63 | 84 | liquid adj gallium and target | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:06 |
| S64 | 0 | liquid adj gallium near20 cooling near20 (neutron near6 target) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:07 |
| S65 | 0 | liquid adj gallium near20 cooling near20 (neutron near20 target) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:07 |
| S66 | 0 | liquid adj gallium near20 (coolant cooling) near20 (neutron near20 target) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:14 |
| S67 | 2 | ("5,784,423").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 19:14 |

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| S68 | 21 | (US-20060029178-\$ or US-20060039521-\$ or US-20020037066-\$ or US-20030152183-\$).did. or (US-4953191-\$ or US-5034183-\$ or US-4141224-\$ or US-6163587-\$ or US-4309249-\$ or US-4811687-\$ or US-5392319-\$ or US-5848110-\$ or US-5784423-\$ or US-6813330-\$ or US-5118950-\$ or US-5051582-\$ or US-4867939-\$ or US-5976066-\$ or US-4599515-\$ or US-6208704-\$ or US-5949836-\$).did. | US-PGPUB; USPAT | OR | OFF | 2006/12/10 20:46 |
| S69 | 826 | ((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/12/10 20:50 |
| S70 | 0 | S69 and liquid adj (coolant cooling) near20 (gallium ga) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 20:50 |
| S71 | 0 | "376"/\$7.ccls. and liquid adj (coolant cooling) near20 (gallium ga) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 20:49 |
| S72 | 1411 | ((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 20:50 |
| S73 | 0 | S72 and liquid adj (coolant cooling) near20 (gallium ga) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 20:50 |
| S74 | 1 | S72 and liquid adj (coolant cooling) near20 (gallium ga) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 20:51 |

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| S75 | 1 | S72 and liquid adj (coolant cooling) near20 (gallium "ga") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 20:52 |
| S76 | 0 | (brandon near1 blackburn).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 20:52 |
| S77 | 0 | ((brandon near1 blackburn).in. (massachusetts adj institute adj2 technology mit).as.) and (liquid near1 gallium).clm. and neutron. clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 20:54 |
| S78 | 2 | ("5392319").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/27 16:15 |
| S79 | 2 | ("5784423").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/27 17:27 |
| S80 | 4 | ("4141224").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/27 19:03 |